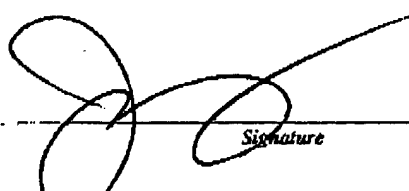
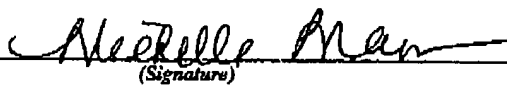


AMENDMENT TRANSMITTAL LETTER (Large Entity)			Docket No. APP 1253
Applicant(s): Joseph Charles Liberti Jr.			
Serial No. 09/813,491	Filing Date 03/21/2001	Examiner RYMAN, DANIEL J	Group Art Unit 2665
Invention: Combined Adaptive Spatio-Temporal Processing and Multi-User Detection for CDMA Wireless Systems			
<u>TO THE COMMISSIONER FOR PATENTS:</u>			RECEIVED CENTRAL FAX CENTER OCT 22 2004
Transmitted herewith is an amendment in the above-identified application. The fee has been calculated and is transmitted as shown below.			
CLAIMS AS AMENDED			
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT
TOTAL CLAIMS	31 -	75 =	0 x
INDEP. CLAIMS	4 -	13 =	0 x
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>			RATE
			\$18.00
			\$86.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT			\$0.00
 <input checked="" type="checkbox"/> No additional fee is required for amendment. <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____ <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed. <input type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. _____ <input type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16. <input type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.			
 _____ Signature		Dated: 10/22/2004	
Joseph Giordano (Reg. No. 35158) Telcordia Technologies, Inc. One Telcordia Drive 5G116 Piscataway, NJ 08854-4157		<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">I certify that this document and fee is being deposited on with the U.S. Postal Service as first class mail under 37C.F.R. 1.8 and is addressed to the for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Signature of Person Mailing Correspondence</div> <div style="border: 1px solid black; padding: 5px;">Typed or Printed Name of Person Mailing Correspondence</div>	
cc:			

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): Joseph Charles Liberti Jr.			Docket No. APP 1253
Serial No. 09/813,491	Filing Date 03/21/2001	Examiner RYMAN, DANIEL J	Group Art Unit 2665
Invention: Combined Adaptive Spatio-Temporal Processing and Multi-User Detection for CDMA Wireless Systems			
<p>I hereby certify that this <u>Reply to Office Action of July 23, 2004</u> (Identify type of correspondence)</p> <p>is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>)</p> <p>on <u>10/22/2004</u> (Date)</p> <p><u>Michelle Masseur</u> (Typed or Printed Name of Person Signing Certificate)</p> <p><u></u> (Signature)</p> <p>Note: Each paper must have its own certificate of mailing.</p>			

Appl. No.: 09/813,491
Amdt. Dated 10/22/2004
Reply to Office Action of 07/23/2004

APP 1253

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OCT 22 2004

Appl. No. : 09/813,491
Applicants : Joseph Charles Liberti JR.
Filed : March 21, 2001
Title : Combined Adaptive Spatio-Temporal Processing and
Multi-User Detection for CDMA Wireless Systems
TC/A.U. : 2665
Examiner : Ryman, Daniel J
Docket No. : APP 1253

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

Sir:

In response to the Office action of July 23, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims, which begins on page 5 of this paper.

Amendments to the Drawings begin on page 11 of this paper and include attached replacement sheets.

Remarks/Arguments begin on page 12 of this paper.